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Wells, Wellfield Protection Areas & Surficial Aquifer Vulnerability

Miami-Dade County
Agriculture & Rural Area Study

Sources:
Roads: Miami-Dade County, 1998.
Streams and Canals: USGS, 1994.
Water: SFWMD, 1995.
Drainage Basins: FDEP.
Urban Development Boundary: Miami-Dade County.
Urban Expansion Area: Miami-Dade County.
Publicly Owned and Conservation Lands: URS, 2002. Compiled from 3 sources: Environmentally Endangered Lands, Miami-Dade County, Feb 2001. Conservation and Recreational Lands, FDEP, 1999. County Parks, Miami-Dade County, 2000.
Developed Areas: Miami-Dade County, 1998 Parcel Based Land Use.
Surficial Aquifer Vulnerability: FDEP, 1998. Uses DRASTIC Index (See Note Below).
Miami-Dade County Wells and Wellfield Protection Areas: Miami-Dade County.
SFWMD Wells: SFWMD, 2002.

Note:
The DRASTIC index for the surficial aquifer is calibrated for general vulnerability.
The index represents potential aquifer vulnerability to pollution introduced on the surface.
The index is calculated using the hydrogeologic settings of the region.
D=Depth to Water Table, R=Recharge, A=Aquifer Media, S=Soil Media, T=Topography, I=Impact of the Vadose Zone, C=Hydraulic Conductivity.



Key Map

November, 2002